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*Wet Mountain Valley, Colorado—Contributions Toward a List of the Fauna and Flora of.* T. D. A. Cockerell. (West Am. Sci. vi. 153-155).

In this contribution the author lists thirty-one Algæ, nine Pteridophyta and four Gymnospermæ.

### Proceedings of the Club.

The annual meeting was held Friday evening, January 14th, 1890, the Vice-President in the chair, and 21 persons present.

Prof. Byron D. Halsted, Mr. John K. Small, Miss Anna M. Vail, and Mr. F. von Wilmowsky were elected Active Members.

The deaths of Mr. James Hogg and Dr. W. DeForest Day, two of the incorporators of the Club, were announced by the Secretary, and a committee was appointed to draw resolutions expressive of the sentiments of the Club.

Dr. Rusby, on behalf of the Field Committee, read a final report of the season's work.

Mr. Hollick, Secretary of the Botanic Garden Committee, read a report of progress. The Committee was continued.

Reports of the officers were read and accepted. The editors presented the following

#### SPECIAL REPORT ON THE BULLETIN.

On the completion of the 20th year of publication of the BULLETIN the Editors consider it desirable that a statement of the progress of that journal from its beginning should be publicly made, as well as of its present prospects and needs. While the main facts of its history are familiar to some of the older members to those who have recently come into the Club they will be new and will therefore be of especial interest.

The first number was published in January, 1870, consisting of four pages issued by Mr. William H. Leggett. While bearing the name BULLETIN OF THE TORREY BOTANICAL CLUB, it was actually a private venture on the part of that earnest and enthusiastic botanist, for at that time the Club had no legal organization. Mr. Leggett stated in his salutatory that its object "was primarily to form a medium of communication for all those interested in the Flora of this vicinity and thus to bring together and fan into a flame the sparks of botanical enthusiasm at present too much isolated,

\* \* \* We hope to have no lack of interesting communications, not only from deep investigators, but from all those who meet with interesting facts, for we wish it to be distinctly understood that we have chiefly in view the development of a greater botanical interest in our neighborhood and found our hopes of success as much upon learners as upon the learned. While the BULLETIN will be chiefly devoted to the local Flora of New York, it will not exclude matters of general botanical interest, of which we hope correspondents will keep it informed." The matter of financial support was thus alluded to. "We suppose that we can supply each of thirty subscribers at five dollars a year with ten copies, but must wait for a little experience. If we find it favorably received we are not without hope of ensuring it a permanency, which of course, it ought to have. But of this we purpose to speak hereafter."

A new catalogue of the plants within thirty-three miles of New York was proposed, as well as an herbarium to illustrate it. Both were immediately begun, the first portions of the catalogue being printed in the second number, where the terms of ordinary subscription were fixed at one dollar per annum.

The publication was continued monthly throughout the year, 48 pages completing Volume 1. The result of the experiment is best given in the language of the Editor, as printed in January, 1871. "The present number completes the second year of our publication. The interest shown in it augurs well for its future. Thanks to its friends—some warm ones outside of the Club—it will not fall very far short of paying expenses. When there is a permanent fund of from three to five thousand dollars, as we count there will be some day, it will be insured a permanency. Meanwhile it will be continued at the present rates."

Printing was regularly proceeded with, not with any great financial encouragement, however, for in February, 1872, it was stated "Our expenses for the first two years exceed our income \$53. 33." The third volume ran to 56 pages. The Local Catalogue was given greatest prominence, although other matter was beginning to claim space. In January, 1873, the Editor remarked: "THE BULLETIN is now entering upon its fourth year, and we know has been of service in bringing the students of

Botany throughout the country into communication with each other. Our receipts do not yet quite cover our expenses. It is our ambition to enlarge our little publication and make it permanent. To do this there is need of funds. \* \* An endowment of about \$3,000 would enable us, with our present list of subscribers, to double the number of pages, and perhaps, add some much needed illustrations." The subject was again alluded to in July of the same year, at the time of the final organization of the Club, and again in December. The fourth volume reached about the same size as its predecessors, and the first five volumes were completed in December, 1874.

Meanwhile the Local Catalogue had been extended as far as *Carex*. The difficulty of obtaining correct and reliable reports on the Gramineæ caused its suspension, although the list of *Carices* and a few grasses appear in the first number of Vol. vi., as a supplement, issued, however, at a long subsequent date. But more general matter was crowding in and there was no lack of it. The next five years were allowed to run on as one volume (Vol. vi.) reaching 379 pages, an average of about 76 pages annually. The publication fund hoped for by its founder was not secured and it is needless to remark that it never has been.

But the object sought by Mr. Leggett had in a large degree been attained. He had "fanned into a flame the sparks of botanical enthusiasm" and excited such a widespread and increasing interest in his loved science that in the increase of subscriptions the BULLETIN could be materially enlarged. Vol. vii. reached 128 pages; Vol. viii., 144 pages. In January, 1882, at the beginning of Vol. ix., the journal was first formally adopted as the organ of the Club, and at the same time the Editor's labors were divided by the election of an associate, Mr. W. R. Gerard, and to him fell the duty of completing that volume alone, for the morning of April 11th witnessed the death of the genial, talented and earnest editor.

Mr. Leggett's services to American Botany have never yet been suitably recognized. It is believed by those who have recently conducted the BULLETIN—and we know that this belief is shared by many others—that this journal was the prime mover in exciting and developing the deep botanical interest which is so

prominent a feature in American Science of to-day. It was entirely his creation and the amount of time taken from his busy life and devoted to it can never be fully appreciated. It is his monument, and it should ever be our endeavor to make it a worthy one.

This ninth volume reached 156 pages; Vol. x., ran to 136 pages, and was edited by W. R. Gerard, and N. L. Britton; Vol. xi., by W. R. Gerard and Benjamin Braman, 140 pages; Vol. xii., by the same editors, 136 pages. Meanwhile the number of illustrations had been gradually increasing, and had now become quite an important feature.

Vol. xiii. was edited by Elizabeth G. Britton and F. J. H. Merrill. The style of the journal was here materially changed, a more open type adopted and the number of pages increased to 252. The "Index to Recent American Botanical Literature" was begun, which has since become so important a feature of the BULLETIN. Vol. xiv. was conducted by Elizabeth G. Britton, Jos. Schrenk, F. J. H. Merrill, H. H. Rusby and C. Henry Kain, and reached 268 pages. Vol. xv., by the same staff, with the addition of Emily L. Gregory and the substitution of Arthur Hollick for Mr. Merrill, and ran to 328 pages. Vol. xvi. has been edited by N. L. Britton with the same staff of associates and has reached 340 pages, an average of over 28 pages monthly, or seven times its original number.

This increase in size and importance has been effected solely by the large subscription list. The BULLETIN has never paid for itself, however; there has been a regular shortage of from  $6\frac{1}{2}$  to 25%. The present editors believe that it has, however, now reached its maximum size with the present apparent resources, and that unless these are increased no further enlargement can be made for a number of years. But they are faced with an increasing demand for its space, for it has become the most popular organ of botanical publication in America. More illustration is also urgently needed and should be supplied.

Under these conditions there appear to us three alternatives:

1. To continue the publication on the present lines, or perhaps with some retrenchment;
2. To obtain the publication fund hoped for by its founder;

3. To increase its price to subscribers not members of the Club.

We respectfully request that the Club consider these important questions and instruct its editors, for although given power under the Constitution to distribute the publications at their discretion, the responsibility entailed at the present time should not be assumed without further action by the Club.

It was resolved that a committee be appointed by the President to consider the report of the editors, and recommend action by the Club.

The following officers for the ensuing year were elected :—  
President: Hon. Addison Brown ; Vice-President : Thomas Hogg;  
Treasurer : Dr. W. E. Wheelock ; Recording Secretary: Maria O. Steele ; Corresponding Secretary: Helena C. Gaskin ; Curator : Josephine E. Rogers ; Librarian : M. L. Delafeld, Jr. ; Editor : Dr. N. L. Britton ; Associate Editors: Dr. Emily L. Gregory, Prof. Jos. Schrenk, Dr. H. H. Rusby, Prof. C. Henry Kain, and Arthur Hollick.

Mr. Hollick reported *Draba verna* in flower on Staten Island, December 30th, and Dr. Rusby *Erodium cicutarium* in northern New Jersey, Dec. 25th.

The second January meeting was held on the 29th. President Brown in the chair, and 36 persons present.

Mr. Hogg announced the death of Mr. Peter V. LeRoy, one of the incorporators of the Club, and remarked on his botanical work.

The following papers were then read, as announced :—

“Observations on *Utricularia*,” by Mr. Bashford Dean.

“Notes on Plants collected in Ontario, Canada, August and September, 1889,” by Mrs. Britton and Miss Timmerman.